

ABSTRACT OF THE DISCLOSURE

A process for preparing regioselectively an optically active 1-halogeno-2-hydroxypropyl compound of the following formula;



wherein X is halogen atom and Nu is a heteroatom having a substituent,

and an optically active glycidyl compound of the formula;

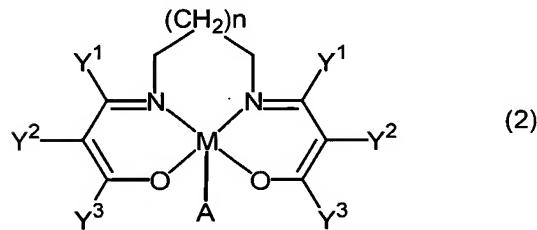


which comprises reacting an optically active epihalohydrin of the formula;



with a nucleophilic agent,

in the presence of a metal complex of the formula;



15 wherein n is an integer of 0, 1 or 2, Y¹, Y² and Y³ are hydrogen atom, etc., and Y² and Y³ may form a ring such as benzene, A is a counterion and M is a metal ion,

and further subjecting the compound (4) to reaction with a base to prepare the optically active glycidyl compound (5).